

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**

factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL						BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS							
1	Acura	TSX		29	2004-2008								1				
2	Alfa Romeo	159		30	2005-2010												[#5]
3	Alfa Romeo	Brera		30	2005-2010												[#5]
4	Alfa Romeo	Giulia		188	2017->		1	1				1					[#1]
5	Alfa Romeo	Giulietta		14	2010->		1*	1*	1*								[#5]
6	Alfa Romeo	MiTo		14	2008->		1*	1*	1*								[#5]
7	Alfa Romeo	Stelvio		188	2017->		1	1				1					[#1]
8	Audi	A1	8X	3	2010->		1	1		1		1	1	1			
9	Audi	A2	8Z	6	1999-2005		1	1				1	1				
10	Audi	A3	8P	3	2003-2008		1		1	1		1	1	1			
11	Audi	A3	8P	3	2008-2012		1			1		1	1	1			
12	Audi	A3	8V	154	2012->		1					1	1				
13	Audi	A4	8E	6	2000-2006		1	1	1			1	1				
14	Audi	A4	8E	6	2004-2008	After facelift. (FL)	1	1	1			1	1				
15	Audi	A4	8K	47	2008-2015		1	1	1			1	1				
16	Audi	A4	9L	214	2015->		1					1	1				
17	Audi	A5	8T	47	2007->		1	1	1			1	1				
18	Audi	A5	F5	214	2017->		1					1	1				
19	Audi	A6	4F	7	2004-2011		1	1	1	1		1	1	1			
20	Audi	A6	4G	104	2011->	Keyless trunk DO NOT unlock all doors	1	1				1	1				
21	Audi	A6	4G	106	2011->	Keyless trunk unlocks all doors	1	1				1	1				
22	Audi	A7	4G	104	2010->	Keyless trunk DO NOT unlock all doors	1	1				1	1				
23	Audi	A7	4G	106	2010->	Keyless trunk unlocks all doors	1	1				1	1				
24	Audi	A8	4E	7	2002-2009		1	1	1			1	1	1			
25	Audi	A8	4H	104	2009->	Keyless trunk DO NOT unlock all doors	1	1				1	1				
26	Audi	A8	4H	106	2009->	Keyless trunk unlocks all doors	1	1				1	1				
27	Audi	Q3	8U	3	2011->		1	1		1		1	1	1			
28	Audi	Q5	8R	47	2008->		1	1	1			1	1				
29	Audi	Q5	FY	214	2017->		1					1	1				
30	Audi	Q7	4L	7	2005-2015		1	1	1	1		1	1	1			
31	Audi	Q7	4M	154	2015->							1	1				
32	Audi	R8	42	3	2007->		1	1		1		1	1	1			
33	Audi	TT	8N	3	1998-2006		1	1	1	1		1	1	1			
34	Audi	TT	8J	3	2006-2009		1	1	1	1		1	1	1			
35	Audi	TT	8J	3	2008-2014		1	1				1	1	1			
36	BMW	1	E81	13	2007-2012		1	1	1	1		1	1				
37	BMW	1	E82	13	2007->		1	1	1	1		1	1				
38	BMW	1	E87	13	2004-2011		1	1	1	1		1	1				
39	BMW	1	E88	13	2007-2011		1	1	1	1		1	1				
40	BMW	1	F20	13	2011->		1	1	1	1		1	1				
41	BMW	1	F21	13	2011->		1	1	1	1		1	1				
42	BMW	2	F22	13	2013->							1					
43	BMW	2	F22	174	2014->							1					
44	BMW	2	F45	174	2013->							1					
45	BMW	2	F46	174	2014->							1					
46	BMW	3	E90	13	2005-2011		1	1	1	1		1	1				
47	BMW	3	F30	158	2012-2014							1	1				
48	BMW	3	F30	174	2014->							1					
49	BMW	3	F31	158	2012-2014							1	1				
50	BMW	3	F31	174	2014->							1					
51	BMW	3	F35	158	2012-2014							1	1				
52	BMW	3	F35	174	2014->							1					
53	BMW	3 GT	F34	13	2013->		1	1	1	1		1	1				
54	BMW	3 GT	F34	174	2014->							1					
55	BMW	4	F32	174	2013->							1					
56	BMW	4	F33	174	2013->							1					
57	BMW	4	F36	174	2013->							1					
58	BMW	5	E60	13	2003-2010		1	1	1	1		1	1				
59	BMW	5	F10	13	2010->		1	1	1	1		1	1				
60	BMW	5	F11	13	2010->		1	1	1	1		1	1				
61	BMW	5 GT	F07	13	2009->		1	1	1	1		1	1				
62	BMW	6	E63	13	2003-2010		1	1	1	1		1	1				
63	BMW	6	E64	13	2003-2010		1	1	1	1		1	1				
64	BMW	6	F12	13	2011->		1	1	1	1		1	1				
65	BMW	6	F13	13	2011->		1	1	1	1		1	1				
66	BMW	7	E65	13	2001-2008		1	1	1	1		1	1				
67	BMW	7	E66	13	2001-2008		1	1	1	1		1	1				
68	BMW	7	E67	13	2001-2008		1	1	1	1		1	1				
69	BMW	7	E68	13	2001-2008		1	1	1	1		1	1				
70	BMW	7	F01	13	2008->		1	1	1	1		1	1				
71	BMW	7	F02	13	2008->		1	1	1	1		1	1				
72	BMW	7	F04	13	2010->		1	1	1	1		1	1				
73	BMW	7	G11	211	2015->							1	1				
74	BMW	i3	I01	174	2013->							1					
75	BMW	X1	E84	13	2009-2015		1	1	1	1		1	1				
76	BMW	X1	F48	174	2015->							1					
77	BMW	X1	F49	174	2015->							1					
78	BMW	X3	F25	13	2010->		1	1	1	1		1	1				
79	BMW	X5	E70	13	2006-2013		1	1	1	1		1	1				
80	BMW	X5	F15	174	2013->							1					
81	BMW	X6	E71	13	2008-2014	With OEM alarm.	1	1	1	1		1	1				
82	BMW	X6	E72	13	2008-2014	With OEM alarm.	1	1	1	1		1	1				
83	BMW	X6	F16	174	2014->							1					
84	BMW	Z4	E89	13	2009->		1	1	1	1		1	1				
85	Chevrolet	Aveo	T300	82	2011->	check installation diagram for proper level						1	1	1			[#4]
86	Chevrolet	Captiva		49	2006-2011												
87	Chevrolet	Captiva		160	2011->	Version with keyless entry OEM alarm						1					
88	Chevrolet	Aveo	T300	164	2014->	check installation diagram for proper level						1	1	1			[#4]
89	Chevrolet	Cruze	J300	82	2008->	check installation diagram for proper level						1	1	1			[#4]
90	Chevrolet	Cruze	J300	147	2008->	check installation diagram for proper level							1				[#4]
91	Chevrolet	Cruze	J300	164	2014->	check installation diagram for proper level						1	1	1			[#4]

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN TRUN LOCK	TRUN K	HAZ ARD	POWER WIN DOWS	BO DY	OEM ALARM	REVERSE GEAR	S IGNAL	CAN+ ALARM	** CAN BUS	CO NFIG
92	Chevrolet	Trax		82	2013->	check installation diagram for proper level					1	1	1				[#4]
93	Chrysler	300C		28	2005-2011		1	1		1	1		1				
94	Chrysler	Grand Voyager		70	2008->		1	1			1	1					
95	Chrysler	PTCruiser		28	2006-2010		1	1		1	1		1				
96	Chrysler	Town&Country		70	2008->		1	1			1	1					
97	Chrysler	Voyager		70	2008->		1	1			1	1					
98	Citroen	Berlingo II	B9	10	2008->	Enable OEM alarm function in BSI			1		1	1	1				
99	Citroen	C2		10	2005-2010	Enable OEM alarm function in BSI			1		1	1	1				
100	Citroen	C3		10	2005-2009	Enable OEM alarm function in BSI			1		1	1	1				
101	Citroen	C3		10	2009->	Enable OEM alarm function in BSI			1		1	1	1				
102	Citroen	C3 Picasso		10	2009->	Enable OEM alarm function in BSI			1		1	1	1				
103	Citroen	C4	L	10	2004-2010	Enable OEM alarm function in BSI			1		1	1	1				
104	Citroen	C4	N	10	2010->	Enable OEM alarm function in BSI			1		1	1	1				
105	Citroen	C4 Picasso		10	2006-2013	Enable OEM alarm function in BSI			1		1	1	1				
106	Citroen	C4 Grand Picasso		10	2006-2013	Enable OEM alarm function in BSI			1		1	1	1				
107	Citroen	C4 Grand Picasso		144	2013->	Version without Keyless Entry.										+	
108	Citroen	C4 Grand Picasso		165	2013->	W/keyless,enable OEM alarm function in BSI					1	1	1				
109	Citroen	C5		10	2005-2008	Enable OEM alarm function in BSI			1		1	1	1				
110	Citroen	C5	X7	10	2008->	Enable OEM alarm function in BSI			1		1	1	1				
111	Citroen	C5	X7	79	2008->												
112	Citroen	C-Crosser		40	2007-2011		1	1		1	1	1	1				
113	Citroen	C-Crosser		40	2011->		1	1		1	1	1	1				
114	Citroen	C-Elysee		144	2012->											+	
115	Citroen	DS3		10	2008->	Enable OEM alarm function in BSI			1		1	1	1				
116	Citroen	DS4		10	2008->	Enable OEM alarm function in BSI			1		1	1	1				
117	Citroen	DS5		10	2008->	Enable OEM alarm function in BSI			1		1	1	1				
118	Citroen	Jumper		15	2006-2011												
119	Citroen	Jumper		69	2011->		1*	1*	1*								[#1]
120	Citroen	Jumpy		55	2007->				1				1	1			
121	Citroen	Nemo		69	2007->		1*	1*	1*								[#1]
122	Citroen	Spacetourer		144	2016->											+	
123	Dacia	Duster		153	2013->									1			[#1]
124	Dacia	Dokker		153	2012->									1			[#1]
125	Dacia	Lodgy		153	2012->									1			[#1]
126	Dacia	Sandero		153	2012->									1			[#1]
127	DAF	LF Euro6		201	2013->												
128	DAF	XF Euro6		201	2013->												
129	Dodge	Avenger		28	2007->		1				1			1			
130	Dodge	Durango		28	2004-2009		1	1		1	1		1				
131	Dodge	Grand Caravan		70	2008->		1	1			1	1					
132	Dodge	Grand Caravan		70	2008->		1	1			1	1					
133	Dodge	Journey		130	2011->		1										[#3]
134	Dodge	Neon		202	2016->												
135	Dodge	Nitro		70	2006-2012		1	1			1	1					
136	Dodge	Ram		70	2009-2012		1	1			1	1					
137	Dodge	Ram		190	2012->						1	1					
138	Fiat	500		14	2007->		1*	1*	1*								[#5]
139	Fiat	500 L		14	2012->		1*	1*	1*								[#5]
140	Fiat	500 X		188	2014->						1						[#1]
141	Fiat	Aegea		202	2016->												[#3]
142	Fiat	Bravo		53	2007->		1*	1*	1*								[#5]
143	Fiat	Croma		52	2005-2011												[#5]
144	Fiat	Doblo		14	2010->		1*	1*	1*								[#5]
145	Fiat	Doblo		69	2010->		1*	1*	1*								[#5]
146	Fiat	Ducato III		15	2006-2011												[#5]
147	Fiat	Ducato IIIFL		69	2011->		1*	1*	1*								[#5]
148	Fiat	Fiorino		14	2007->		1*	1*	1*								[#5]
149	Fiat	Fiorino		69	2007->		1*	1*	1*								[#5]
150	Fiat	Freemont		130	2011->		1										[#3]
151	Fiat	Grande Punto		14	2005-2009		1*	1*	1*								[#5]
152	Fiat	Idea		54	2004-2010												[#5]
153	Fiat	Idea		54	2010-2012												[#5]
154	Fiat	Linea		53	2007->		1*	1*	1*								[#5]
155	Fiat	Panda		53	2003-2012		1*	1*	1*								[#5]
156	Fiat	Panda		14	2012->		1*	1*	1*								[#5]
157	Fiat	Punto Evo		14	2009-2012		1*	1*	1*								[#5]
158	Fiat	Qubo		14	2008->		1*	1*	1*								[#5]
159	Fiat	Qubo		69	2008->		1*	1*	1*								[#5]
160	Fiat	Sedici		44	2006->	Version with Keyless Entry.	1	1	1								[#1]
161	Fiat	Sedici		81	2006->	Version without Keyless Entry.	1	1	1							+	[#1]
162	Fiat	Scudo II		55	2007->	Enable OEM alarm function in BSI			1			1	1				
163	Fiat	Stilo		54	2001-2005												[#5]
164	Fiat	Stilo		53	2005-2007		1*	1*	1*								[#5]
165	Fiat	Tipo		202	2016->												[#3]
166	Ford	B-Max		159	2012->						1						[#3]
167	Ford	C-Max	C214	8	2003-2010	Depending on the ECU - level 8 or 36.					1					+	[#3]
168	Ford	C-Max	C214	36	2003-2010	Depending on the ECU - level 8 or 36.					1					+	[#3]
169	Ford	C-Max II	Mk.2	114	2010->	Version with Keyless Entry.											[#3]
170	Ford	C-Max II	Mk.2	114	2010->	Version without Keyless Entry.											[#3]
171	Ford	C-Max Grand	Mk.2	114	2010->	Version with Keyless Entry.											[#3]
172	Ford	C-Max Grand	Mk.2	114	2010->	Version without Keyless Entry.											[#3]
173	Ford	Fiesta	JD3	71	2005-2008	After facelift. (FL)					1						[#3]
174	Ford	Fiesta	JA8	115	2008-2012						1						[#3]
175	Ford	Fiesta		115	2013->	Version without Keyless Entry.					1						[#3]
176	Ford	Fiesta		159	2013->	Version with Keyless Entry.					1						[#3]
177	Ford	Focus II	C307	8	2004-2010	Depending on the ECU - level 8 or 36.					1					+	[#3]
178	Ford	Focus II	C307	36	2004-2010	Depending on the ECU - level 8 or 36.					1					+	[#3]
179	Ford	Focus III		114	2010->	Version with Keyless Entry.											[#3]
180	Ford	Focus III		114	2010->	Version without Keyless Entry.											[#3]
181	Ford	Fusion		71	2005-2012						1						[#3]
182	Ford	Galaxy II		33	2006->	Depending on the ECU - level 33 or 68.	1	1									[#3]

* Coded pulse via dedicated wire

** OBD-connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 3/11, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

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NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN T	TRUN K	HAZ A	POWER W	BO D	OEI	REVER S	CAN+ ALAR M	** CAN CO
183	Ford	Galaxy II		68	2006->	Depending on the ECU - level 33 or 68.	1	1							[#3]
184	Ford	Kuga		8	2008-2012	Depending on the ECU - level 8 or 36.					1			+	[#3]
185	Ford	Kuga		36	2008-2012	Depending on the ECU - level 8 or 36.					1			+	[#3]
186	Ford	Kuga		114	2012->										[#3]
187	Ford	Mondeo MK4	BA7	33	2007-2014	Depending on the ECU - level 33 or 68.	1	1							[#3]
188	Ford	Mondeo MK4	BA7	68	2007-2014	Depending on the ECU - level 33 or 68.	1	1							[#3]
189	Ford	Mondeo MK5		186	2014->						1				[#3]
190	Ford	Mustang	MK5	199	2010-2014						1	1			[#3]
191	Ford	Ranger		189	2011->										[#3]
192	Ford	S-Max		33	2006->	Depending on the ECU - level 33 or 68.	1	1							[#3]
193	Ford	S-Max		68	2006->	Depending on the ECU - level 33 or 68.	1	1							[#3]
194	Ford	S-Max		186	2015->						1				[#3]
195	Ford	Tourneo Connect		114	2013->										[#3]
196	Ford	Tourneo Courier		115	2013->	Version without Keyless Entry.					1				[#3]
197	Ford	Tourneo Courier		159	2013->	Version with Keyless Entry.					1				[#3]
198	Ford	Tourneo Custom		175	2012->						1			+	[#3]
199	Ford	Transit	8 gen.	175	2013->						1			+	[#3]
200	Ford	Transit Connect		114	2013->										[#3]
201	Ford	Transit Connect		207	2013->										[#3]
202	Ford	Transit Courier		115	2013->	check installation diagram for proper level					1				[#3]
203	Ford	Transit Courier		159	2013->	check installation diagram for proper level					1				[#3]
204	Ford	Transit Courier		205	2013->	check installation diagram for proper level					1				[#3]
205	Ford	Transit Courier		206	2013->	check installation diagram for proper level					1				[#3]
206	Ford	Transit Custom		175	2012->	check installation diagram for proper level					1			+	[#3]
207	Ford	Transit Custom		186	2016->	check installation diagram for proper level					1				[#3]
208	Honda	Accord	7 gen.	29	2002-2008						1				
209	Honda	Accord	8 gen.	63	2008->		1	1			1	1	1		
210	Honda	Civic	8 gen.	31	2005-2011						1				
211	Honda	Civic	9 gen.	139	2011-2015						1	1			
212	Honda	Civic	10 gen.	139	2015->		1				1	1			
213	Honda	City		31	2008->						1				
214	Honda	CR-V	3 gen.	31	2006-2012						1				
215	Honda	CR-V	4 gen.	139	2011-2015						1	1			
216	Honda	CR-V	4 gen.	139	2015->	After facelift. (FL)	1				1	1			
217	Honda	CR-Z		31	2010-2013						1				
218	Honda	Fit (JAPAN)		101	2008->						1				
219	Honda	HR-V		139	2014->		1				1	1			
220	Honda	Insight		31	2009->						1				
221	Honda	Jazz	2 gen.	31	2008-2011						1				
222	Honda	Jazz	3 gen.	31	2012->						1				
223	Hyundai	i10	IB/BA	166	2013->						1	1			
224	Hyundai	i20	GB	166	2014->						1	1			
225	Hyundai	i30	GD	94	2011->		1	1			1	1	1		[#2]
226	Hyundai	i40	VF	121	2011->	Version with Keyless Entry.	1	1	1		1	1	1		[#2]
227	Hyundai	i40	VF	122	2011->	Version without Keyless Entry.	1	1	1		1	1	1		[#2]
228	Hyundai	ix20		94	2010->		1	1			1	1	1		[#2]
229	Hyundai	ix35		94	2013->	After facelift. (FL)	1	1			1	1	1		[#2]
230	Hyundai	ix55		95	2009-2015								1		
231	Hyundai	Elantra		94	2011->		1	1			1	1	1		[#2]
232	Hyundai	Elantra		176	2014->						1	1	1		
233	Hyundai	Genesis Coupe		125	2008-2012		1	1							
234	Hyundai	Grandeur		95	2005-2011								1		
235	Hyundai	H350		198	2014->						1	1			
236	Hyundai	Santa Fe	DM	184	2012->		1	1			1	1			
237	Hyundai	Tucson	TL	166	2015->						1	1			
238	Hyundai	Veracruz		95	2007-2015								1		
239	Infiniti	FX35		58	2003-2008										[#1]
240	Infiniti	G37		102	2009-2013		1	1							[#1]
241	Infiniti	Q50		102	2013->		1	1							[#1]
242	Iveco	Daily IV		15	2006-2011										
243	Iveco	Daily V		69	2011-2014		1*	1*	1*						[#1]
244	Iveco	Daily VI		69	2014->										[#1]
245	Iveco	Stralis		200	2012->									+	
246	Jaguar	F-Pace	X761	203	2016->						1	1			
247	Jaguar	XF		173	2008-2011						1	1			
248	Jaguar	XJ	X351	107	2009->						1			+	
249	Jaguar	XJL	X351	107	2009->						1			+	
250	Jeep	Cherokee		193	2013->						1	1			
251	Jeep	Compass		28	2007->		1	1			1		1		
252	Jeep	Grand Cherokee	WK	28	2005-2010		1	1			1		1		
253	Jeep	Grand Cherokee	WK2	70	2010-2013		1	1			1	1			
254	Jeep	Grand Cherokee	WK2	190	2013->						1	1			
255	Jeep	Renegade		188	2014->						1				[#1]
256	Jeep	Wrangler	JK	70	2007->		1	1			1	1			
257	Kia	Carens		219	2016->										
258	Kia	Carnival	VQ	22	2005-2010								1		
259	Kia	Cee'd	JD3	135	2012->		1				1	1	1		[#2]
260	Kia	Niro		216	2016->						1		1		
261	Kia	Opirus		23	2003-2010								1		
262	Kia	Optima		187	2010-2015		1	1			1	1	1		[#2]
263	Kia	Rio	UB	135	2011->		1				1	1	1		[#2]
264	Kia	Sorento	XM	108	2009->						1	1	1		[#2]
265	Kia	Sorento	XM	170	2012->	After facelift. (FL)							1	+	[#2]
266	Kia	Sorento	UM	166	2014->						1	1			
267	Kia	Soul	AM	136	2010-2012										
268	Kia	Soul	AM	170	2012-2014								1	+	[#2]
269	Kia	Soul	PS	166	2014->						1	1			
270	Kia	Sportage	SL	109	2010->		1				1	1			[#2]
271	Lada	Kalina 2		181	2013->									+	[#1]
272	Lada	Granta		181	2011->									+	[#1]
273	Lada	Priora		181	2013->									+	[#1]

* Coded pulse via dedicated wire

** OBD-connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 3/11, [#4] CAN1 pins 6/14, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**

factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CENT LOCK	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET RELEASE	OEM ALARM	REVERSE GEAR	CAN+ ALARM	** CAN CON
274	Land Rover	Discovery 3		80	2004-2009							1			+
275	Land Rover	Discovery 4		107	2009->							1			+
276	Land Rover	Range Rover Evoque		203	2011->							1	1		
277	Land Rover	Range Rover Sport		80	2005-2009							1			+
278	Land Rover	Range Rover Sport		107	2010-2012							1			+
279	Lexus	GS	S190	60	2005-2012		1					1			
280	Lexus	HS	ANF20	128	2009->		1	1	1			1	1		
281	Lexus	IS	XE20	124	2005-2013	With OEM alarm.							1		
282	Lexus	IS	XE30	127	2013->		1	1	1						[#1]
283	Lexus	NX	AZ10	127	2014->		1	1	1						
284	Lexus	RC	AVC10	127	2014->		1	1	1						
285	Lexus	RX	L10	128	2009-2015		1		1			1	1		
286	MAN	TGE		221	2017->		1					1	1		
287	Mazda	2	DE	103	2007-2014										+
288	Mazda	2	DJ	138	2014->							1	1		[#1]
289	Mazda	3	BL	103	2009-2013									1	+
290	Mazda	3	BM	138	2013->	Hatchback (2-button OEM remote)						1	1		[#1]
291	Mazda	3	BM	138	2013->	Sedan (3-button OEM remote)						1	1		[#1]
292	Mazda	5	CW	103	2010->										[#1]
293	Mazda	6	GH	45	2007-2012										[#1]
294	Mazda	6	GJ	138	2012-2015							1	1		[#1]
295	Mazda	6	GJ	138	2015->	After facelift. (FL)						1	1		[#1]
296	Mazda	CX-3	DK	138	2015->							1	1		[#1]
297	Mazda	CX-5	KE	138	2011->							1	1		[#1]
298	Mazda	CX-5	KE	138	2015->	After facelift. (FL)						1	1		[#1]
299	Mazda	CX-7		64	2007->										[#1]
300	Mazda	CX-9		96	2007->										+
301	Mazda	MX-5	ND	138	2015->							1			[#1]
302	Mercedes	A	W169	91	2004-2012		1	1	1	1	1	1	1		
303	Mercedes	A	W176	39	2012->		1	1	1	1	1	1	1		
304	Mercedes	Actros (New)	2 gen.	183	2011->	Instrument cluster CAN, no FMS gate required									
305	Mercedes	Antos		183	2012->										
306	Mercedes	Arocs		183	2013->	Instrument cluster CAN, no FMS gate required									
307	Mercedes	Atego (Euro6)		183	2013->										
308	Mercedes	B	W245	91	2005-2011		1	1	1	1	1	1			
309	Mercedes	B	W246	39	2011->		1	1	1	1	1	1	1		
310	Mercedes	C	W203	93	2000-2007		1	1	1	1	1	1			
311	Mercedes	C	W204	39	2007-2014		1	1	1	1	1	1	1		
312	Mercedes	C	W205	182	2014->		1	1	1		1	1			
313	Mercedes	Citan	W415	57	2012->									1	+
314	Mercedes	Citan	W415	210	2012->									1	+
315	Mercedes	CL	C215	27	1999-2006		1	1	1	1	1	1			
316	Mercedes	CL	C216	39	2006-2014		1	1	1	1	1	1	1		
317	Mercedes	CLA	C117	39	2013->		1	1	1	1	1	1	1		
318	Mercedes	CLK	C208	37	1997-2003	RF transmitter.	1		1	1				1	
319	Mercedes	CLK	C209	9	2002-2009		1	1	1	1	1				
320	Mercedes	CLS	C219	9	2004-2010		1	1	1	1	1				
321	Mercedes	CLS	C218	65	2010->		1	1	1	1	1	1	1		
322	Mercedes	E	A207	65	2009->		1	1	1	1	1	1	1		
323	Mercedes	E	C207	65	2009->		1	1	1	1	1	1	1		
324	Mercedes	E	W210	19	1995-1997	IR transmitter.	1						1		
325	Mercedes	E	W210	37	1997-2002	RF transmitter.	1			1	1			1	
326	Mercedes	E	W211	9	2002-2009		1	1		1	1				
327	Mercedes	E	W212	39	2009->		1	1	1	1	1	1	1		
328	Mercedes	G	W463	93	2000->		1	1	1	1	1	1			
329	Mercedes	GL	X164	9	2006-2012		1	1	1	1	1	1			
330	Mercedes	GLA	X156	39	2013->		1	1	1	1		1	1	1	
331	Mercedes	GLC	X205	182	2015->		1	1	1		1	1			
332	Mercedes	GLC	X253	182	2015->		1	1	1		1	1			
333	Mercedes	GLE Coupe	C292	65	2015->		1	1	1	1	1	1	1		
334	Mercedes	GLE Wagon	W166	65	2015->		1	1	1	1	1	1	1		
335	Mercedes	ML	W164	9	2005-2011		1	1	1	1	1	1			
336	Mercedes	ML	W166	39	2011-2015		1	1	1	1	1	1	1		
337	Mercedes	R	W251	9	2005-2013		1	1	1	1	1				
338	Mercedes	S	W220	27	1998-2003		1	1	1	1	1	1			
339	Mercedes	S	W220	27	2003-2005		1	1	1	1	1	1			
340	Mercedes	S	W221	39	2005-2013		1	1	1	1	1	1	1		
341	Mercedes	S	W222	182	2013->		1	1	1		1	1			
342	Mercedes	SL	R230	27	2001-2011		1	1	1	1	1	1			
343	Mercedes	SLK	R171	92	2004-2011		1	1	1	1	1	1			
344	Mercedes	SLS	C197	39	2010->		1	1	1	1	1	1	1		
345	Mercedes	Sprinter II	W906	16	2006-2013		1	1	1	1	1	1	1		
346	Mercedes	Sprinter II	W906	16	2013->		1	1	1	1	1	1	1		
347	Mercedes	Viano	W639	17	2003->		1	1	1	1	1				
348	Mercedes	Vito	W639	17	2003-2014		1	1	1	1	1				
349	Mercedes	Vito	W447	195	2015->		1			1			1		
350	Mini	Cabrio	F57	174	2016->						1				
351	Mini	Cooper	R56	13	2006-2013		1	1	1	1	1	1			
352	Mini	Countryman	R60	13	2010-2016		1	1	1	1	1	1			
353	Mini	Countryman	F60	174	2017->						1				
354	Mini	Coupe	R58	13	2012-2015		1	1	1	1	1	1			
355	Mini	Clubman	F54	174	2016->						1				
356	Mini	Hardtop	F56	174	2013->						1				
357	Mini	Hatch	F55	174	2015->						1				
358	Mini	Paceman	R61	13	2013-2016		1	1	1	1	1	1			
359	Mini	Roadster	R59	13	2012-2015		1	1	1	1	1	1			
360	Mitsubishi	ASX	3 gen.	40	2010->		1	1		1	1	1	1		
361	Mitsubishi	L200		177	2015->	Version with Keyless Entry	1	1			1				
362	Mitsubishi	L200		178	2015->	Version without Keyless Entry.	1	1			1				
363	Mitsubishi	Lancer	8. gen	40	2007-2011		1	1		1	1	1	1		
364	Mitsubishi	Lancer	8. gen	40	2011->	After facelift. (FL)	1	1		1	1	1	1		

* Coded pulse via dedicated wire

** OBD-connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**

factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN T	LC	TRUN K	HAZ A	POWER W	BO N	OEM	REVER S	CAN+ ALARM	** CAN CON
365	Mitsubishi	Outlander		40	2006-2010		1	1			1	1	1	1		
366	Mitsubishi	Outlander		40	2010-2011		1	1			1	1	1	1		
367	Mitsubishi	Outlander		40	2011-2012		1	1			1	1	1	1		
368	Mitsubishi	Outlander		151	2012->		1	1				1				
369	Mitsubishi	Space Star		177	2013->	Version with Keyless Entry.	1	1				1				
370	Mitsubishi	Space Star		178	2013->	Version without Keyless Entry.	1	1								
371	Mitsubishi	Triton		177	2015->	Version with Keyless Entry.	1	1				1				
372	Mitsubishi	Triton		178	2015->	Version without Keyless Entry.	1	1				1				
373	Nissan	370Z		59	2008->	Version with Keyless Entry.										[#1]
374	Nissan	Altima	L33	102	2012->		1	1				1	1			[#1]
375	Nissan	Cube	Z12	102	2008->		1	1	1							[#1]
376	Nissan	Juke		42	2010->	Version without Keyless Entry.									+	[#1]
377	Nissan	Juke		102	2010->	Version with Keyless Entry.	1	1								[#1]
378	Nissan	Leaf		220	2010->	Version with Keyless Entry.	1	1								[#1]
379	Nissan	Micra	K12	41	2003-2010										+	[#1]
380	Nissan	Micra	K13	42	2010-2013										+	[#1]
381	Nissan	Micra	K13	42	2013->										+	[#1]
382	Nissan	Micra	K13	102	2013->	Version with Keyless Entry.	1	1							+	[#1]
383	Nissan	Murano	Z50	58	2002-2008	Version with Keyless Entry.										[#1]
384	Nissan	Murano	Z50	59	2002-2008	Version without Keyless Entry.									+	[#1]
385	Nissan	Navara	D40	42	2006-2015	Version without Keyless Entry.									+	[#1]
386	Nissan	Navara	D40	58	2006-2015	Version with Keyless Entry.									+	[#1]
387	Nissan	Navara	D23	102	2015->		1	1								[#1]
388	Nissan	NV200		57	2009->									1	+	[#1]
389	Nissan	NV200		210	2009->									1	+	[#1]
390	Nissan	Note		41	2006-2012											[#1]
391	Nissan	Note II		42	2012->										+	[#1]
392	Nissan	Note II		102	2012->	Version without Keyless Entry.	1	1							+	[#1]
393	Nissan	Pathfinder	R51	42	2012->	Version without Keyless Entry.									+	[#1]
394	Nissan	Pathfinder	R51	58	2005-2012	Version with Keyless Entry.									+	[#1]
395	Nissan	Pixo		81	2009->										+	[#1]
396	Nissan	Presage	U31	102	2006-2009		1	1								[#1]
397	Nissan	Pulsar		172	2014->											[#1]
398	Nissan	Qashqai	J10	58	2006-2010	Version with Keyless Entry.										[#1]
399	Nissan	Qashqai	J10	42	2010-2013	Version without Keyless Entry.									+	[#1]
400	Nissan	Qashqai	J10	58	2010-2013	Version with Keyless Entry. FL										[#1]
401	Nissan	Qashqai	J11	172	2013->											[#1]
402	Nissan	Qashqai +2	NJ10	42	2008-2010	Version without Keyless Entry.									+	[#1]
403	Nissan	Qashqai +2	NJ10	58	2008-2010	Version with Keyless Entry.										[#1]
404	Nissan	Qashqai +2	NJ10	42	2010->	Version without Keyless Entry. FL									+	[#1]
405	Nissan	Qashqai +2	NJ10	58	2010->	Version with Keyless Entry. FL										[#1]
406	Nissan	Serena		102	2005-2010		1	1								[#1]
407	Nissan	Tiida		41	2006-2011										+	[#1]
408	Nissan	Wingroad		102	2006->		1	1								[#1]
409	Nissan	X-trail	T31	42	2007-2014	Version without Keyless Entry.									+	[#1]
410	Nissan	X-trail	T31	58	2007-2014	Version with Keyless Entry.										[#1]
411	Nissan	X-trail	T32	172	2014->											[#1]
412	Opel	Adam		82	2012->	check installation diagram for proper level						1	1	1		[#4]
413	Opel	Adam		147	2012->	check installation diagram for proper level							1			[#4]
414	Opel	Adam		164	2014->	check installation diagram for proper level						1	1	1		[#4]
415	Opel	Antara		49	2007->											
416	Opel	Antara		160	2011->	Version with keyless entry OEM alarm						1				
417	Opel	Agila	B	44	2007-2015	Version with Keyless Entry.	1	1	1							[#1]
418	Opel	Agila	B	81	2007-2015	Version without Keyless Entry.	1	1	1						+	[#1]
419	Opel	Astra	H	18	2004-2009								1			
420	Opel	Astra	H	217	2004-2009	Cabrio with Keyless							1			
421	Opel	Astra	J	82	2009->	check installation diagram for proper level						1	1	1		[#4]
422	Opel	Astra	J	147	2009->	check installation diagram for proper level							1			[#4]
423	Opel	Astra	K	164	2014->	check installation diagram for proper level						1	1	1		[#4]
424	Opel	Cascada		82	2009->	check installation diagram for proper level						1	1	1		[#4]
425	Opel	Cascada		147	2009->	check installation diagram for proper level							1			[#4]
426	Opel	Cascada		164	2009->	check installation diagram for proper level						1	1	1		[#4]
427	Opel	Combo	D	14	2011->		1*	1*	1*							[#1]
428	Opel	Combo	D	69	2011->		1*	1*	1*							[#1]
429	Opel	Corsa	D	72	2006-2014	3 door							1			
430	Opel	Corsa	D	18	2006-2014	5 door							1			
431	Opel	Corsa	E	164	2014->	check installation diagram for proper level						1	1	1		[#4]
432	Opel	Insignia	A	82	2008-2013	check installation diagram for proper level						1	1	1		[#4]
433	Opel	Insignia	A	147	2008-2013	check installation diagram for proper level							1			[#4]
434	Opel	Insignia	A	164	2014-2017	check installation diagram for proper level						1	1	1		[#4]
435	Opel	Karl		164	2014->							1	1	1		[#4]
436	Opel	Meriva	B	116	2010->											
437	Opel	Mokka		82	2012->	check installation diagram for proper level						1	1	1		[#4]
438	Opel	Mokka		147	2012->	check installation diagram for proper level							1			[#4]
439	Opel	Mokka		164	2014->	check installation diagram for proper level						1	1	1		[#4]
440	Opel	Movano B		210	2010->									1	+	[#1]
441	Opel	Signum		18	2003-2008		1	1	1	1			1			
442	Opel	Vectra	C	141	2002-2009		1	1	1	1			1			
443	Opel	Zafira	B	18	2005-2011		1	1	1	1			1			
444	Opel	Zafira	C	82	2011->	check installation diagram for proper level						1	1	1		[#4]
445	Opel	Zafira	C	147	2011->	check installation diagram for proper level							1			[#4]
446	Opel	Zafira	C	164	2014->	check installation diagram for proper level						1	1	1		[#4]
447	Opel	Zafira Tourer	C	82	2011->	check installation diagram for proper level						1	1	1		[#4]
448	Opel	Zafira Tourer	C	147	2011->	check installation diagram for proper level							1			[#4]
449	Opel	Zafira Tourer	C	164	2014->	check installation diagram for proper level						1	1	1		[#4]
450	Peugeot	207		10	2006-2012	Enable OEM alarm function in BSI				1		1	1	1		
451	Peugeot	208		144	2012->										+	
452	Peugeot	2008		144	2013->										+	
453	Peugeot	301		144	2012->										+	
454	Peugeot	307		10	2005-2008	Enable OEM alarm function in BSI				1		1	1	1		
455	Peugeot	308		10	2007-2013	Enable OEM alarm function in BSI				1		1	1	1		

* Coded pulse via dedicated wire

** OBD-connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 3/11, [#3] CAN1 pins 6/14, [#4] CAN1 pins 1/9, [#5] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**

factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN TRUNK	LO CK	HAZ ARD	POWER WIN	BO DY	OEM ALARM	REVE RS	CAN+ ALARM	** CAN CON
456	Peugeot	308		144	2013->	Version without Keyless Entry.									+
457	Peugeot	308		165	2013->	W/keyless,enable OEM alarm function in BSI					1	1	1		
458	Peugeot	3008		10	2009->	Enable OEM alarm function in BSI			1		1	1	1		
459	Peugeot	3008		218	2016->	Version with Keyless					1				
460	Peugeot	407		11	2004-2011				1		1	1			
461	Peugeot	4007		40	2007-2011		1	1		1	1	1	1		
462	Peugeot	4007		40	2011-2012		1	1		1	1	1	1		
463	Peugeot	508		10	2010->	Enable OEM alarm function in BSI			1		1	1	1		
464	Peugeot	508		10	2010->	W/keyless,enable OEM alarm function in BSI			1		1	1	1		
465	Peugeot	5008		10	2009->	Enable OEM alarm function in BSI			1		1	1	1		
466	Peugeot	Bipper		69	2008->		1*	1*	1*						[#1]
467	Peugeot	Boxer		15	2006-2011										
468	Peugeot	Boxer		69	2011->		1*	1*	1*						[#1]
469	Peugeot	Expert		55	2007->	Enable OEM alarm function in BSI			1		1	1	1		
470	Peugeot	Partner II		10	2008->	Enable OEM alarm function in BSI			1		1	1	1		
471	Peugeot	Traveller		144	2016->										+
472	Porsche	911	997	66	2004-2008				1		1	1			
473	Porsche	Cayenne		20	2002-2010		1	1	1	1	1	1			
474	Porsche	Cayenne		77	2002-2010		1	1	1	1	1	1			
475	Porsche	Cayenne		104	2010->	Keyless trunk DO NOT unlock all doors	1	1			1	1			
476	Porsche	Cayenne		106	2010->	Keyless trunk unlocks all doors	1	1			1	1			
477	Porsche	Cayman	987	66	2006-2013				1		1	1			
478	Porsche	Cayman	981	106	2013->		1	1			1	1			
479	Porsche	Macan	95B	106	2013->		1	1			1	1			
480	Porsche	Panamera		104	2009->	Keyless trunk DO NOT unlock all doors	1	1			1	1			
481	Porsche	Panamera		106	2009-2016	Keyless trunk unlocks all doors	1	1			1	1			
482	Renault	Captur		153	2013->								1		[#1]
483	Renault	Clio III GrandTour		51	2008-2012								1	+	[#1]
484	Renault	Clio III	R	51	2005-2012								1	+	[#1]
485	Renault	Clio IV	X98	153	2012->								1		[#1]
486	Renault	Espace IV	JK	25	2003-2014									+	[#1]
487	Renault	Espace V		194	2015->						1				[#1]
488	Renault	Fluence		50	2009->										[#1]
489	Renault	Grand Modus		51	2008-2012								1	+	[#1]
490	Renault	Kadjar		194	2015->						1				[#1]
491	Renault	Kangoo II	X61	57	2008->								1	+	[#1]
492	Renault	Kangoo II	X61	210	2008->								1	+	[#1]
493	Renault	Laguna II Facelift	G	25	2005-2007	After facelift. (FL)								+	[#1]
494	Renault	Laguna III	T	50	2007->										[#1]
495	Renault	Latitude		50	2010->										[#1]
496	Renault	Master III		210	2010-2014								1	+	[#1]
497	Renault	Master III FL		210	2014->								1	+	[#1]
498	Renault	Megane II		209	2002-2009									+	[#1]
499	Renault	Megane III	B95	50	2008->										[#1]
500	Renault	Megane IV		194	2015->						1				[#1]
501	Renault	Megane Generation	B95	50	2010->										[#1]
502	Renault	Megane GrandTour	B95	50	2009->										[#1]
503	Renault	Modus		51	2008-2012								1	+	[#1]
504	Renault	Scenic III		50	2009->										[#1]
505	Renault	T		197	2013->										
506	Renault	Talisman		194	2015->						1				
507	Renault	Traffic III		153	2014->								1		[#1]
508	Renault	Twingo		153	2014->								1		[#1]
509	Saab	9-3 Face lift	YS3F	67	2003-2011										[#4]
510	Saab	9-5	YS3G	82	2010-2012						1	1	1		[#4]
511	Seat	Alhambra	7V	3	2009->		1	1		1	1	1	1		
512	Seat	Altea	5P	3	2004-2009		1	1	1	1	1	1	1		
513	Seat	Altea	5P	3	2008-2015		1	1		1	1	1	1		
514	Seat	Altea Freetrack		3	2007-2009		1	1	1	1	1	1	1		
515	Seat	Altea Freetrack		3	2008-2015		1	1		1	1	1	1		
516	Seat	Altea XL	5P	3	2006-2009		1	1	1	1	1	1	1		
517	Seat	Altea XL	5P	3	2008-2015		1	1		1	1	1	1		
518	Seat	Ateca		214	2017->		1				1	1			
519	Seat	Cordoba	6L	4	2002-2009		1	1	1	1	1	1			
520	Seat	Exeo	3R	6	2008-2013		1	1	1		1	1			
521	Seat	Ibiza III	6L	4	2002-2008		1	1	1	1	1	1			
522	Seat	Ibiza IV	6J	73	2008-2015						1	1	1		
523	Seat	Ibiza IV FL	6J	154	2015->						1	1			
524	Seat	Leon I	1M	1	1999-2001										
525	Seat	Leon I	1M	2	2001-2005		1	1		1	1				
526	Seat	Leon II	1P	3	2005-2009		1	1	1	1	1	1	1		
527	Seat	Leon II	1P	3	2008-2012		1	1		1	1	1	1		
528	Seat	Leon III	5F	154	2012->		1				1	1			
529	Seat	Mii		73	2010->						1	1	1		
530	Seat	Toledo II	1M	1	1999-2001										
531	Seat	Toledo II	1M	2	2001-2004		1	1		1	1				
532	Seat	Toledo III	5P	3	2004-2009		1	1	1	1	1	1	1		
533	Seat	Toledo IV		73	2012->						1	1	1		
534	Skoda	Citigo		73	2012->						1	1	1		
535	Skoda	Fabia I	6Y	4	1999-2007		1	1	1	1	1	1			
536	Skoda	Fabia II	5J	4	2007-2010				1		1	1			
537	Skoda	Fabia II	5J	73	2010-2014	After facelift. (FL)					1	1	1		
538	Skoda	Fabia III	NJ	154	2014->						1	1			
539	Skoda	Kodiaq		214	2016->		1				1	1			
540	Skoda	Octavia I	1U	1	1996-2001										
541	Skoda	Octavia I	1U	2	2001-2010		1	1		1	1				
542	Skoda	Octavia II	1Z	3	2004-2009		1	1	1	1	1	1	1		
543	Skoda	Octavia II	1Z	3	2009-2012		1	1		1	1	1	1		
544	Skoda	Octavia III	5E	154	2012->	Version without Keyless Entry.	1				1	1			
545	Skoda	Octavia III	5E	154	2012->	Version with Keyless Entry.	1				1	1			
546	Skoda	Rapid		73	2012-2015	After facelift. (FL)					1	1	1		

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**

factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN TRUN	HAZ	POWER	BC	OEL	REVER S	CAN+ ALAR	** CAN CON
547	Skoda	Rapid		154	2015->					1	1			
548	Skoda	Roomster	5J	4	2006-2010			1		1	1			
549	Skoda	Roomster	5J	73	2010->	After facelift. (FL)				1	1	1		
550	Skoda	Superb I	3U	2	2001-2008		1	1	1	1				
551	Skoda	Superb II	3T	3	2008-2015					1	1	1		
552	Skoda	Superb III	3V	154	2015->		1			1	1			
553	Skoda	Yeti		3	2009->		1	1	1	1	1	1		
554	Subaru	BRZ		143	2012->			1						[#1]
555	Subaru	Forester	SH	61	2008-2013	Version without Keyless Entry.	1	1					+	[#1]
556	Subaru	Forester	SH	75	2008-2013	Version with Keyless Entry.	1	1					+	[#1]
557	Subaru	Forester	SJ	161	2013->	Version with Keyless Entry.	1							[#1]
558	Subaru	Impreza	GR	61	2007-2012	Version without Keyless Entry.	1	1					+	[#1]
559	Subaru	Impreza	GR	75	2007-2012	Version with Keyless Entry.	1	1					+	[#1]
560	Subaru	Legacy	BP	75	2006-2009	Estate	1	1					+	[#1]
561	Subaru	Legacy	BL	78	2006-2009	Sedan	1	1					+	[#1]
562	Subaru	Legacy		75	2009-2014	Estate	1	1					+	[#1]
563	Subaru	Legacy		78	2009-2014	Sedan	1	1					+	[#1]
564	Subaru	Outback		75	2003-2009	Estate	1	1					+	[#1]
565	Subaru	Outback		78	2003-2009	Sedan	1	1					+	[#1]
566	Subaru	Outback		83	2010->	Version with Keyless Entry.	1	1						
567	Subaru	Outback		162	2013->	Version without Keyless Entry.	1	1					+	[#1]
568	Subaru	Outback		162	2013->	Version with Keyless Entry.	1	1					+	[#1]
569	Subaru	Outback		161	2015->		1							[#1]
570	Subaru	XV		161	2015->	Version with Keyless Entry.	1							[#1]
571	Suzuki	Alto		81	2009->								+	[#1]
572	Suzuki	Celerio		81	2014->								+	[#1]
573	Suzuki	Grand Vitara III		44	2005-2009	Version with Keyless Entry.	1	1	1					[#1]
574	Suzuki	Grand Vitara III		81	2005-2009	Version without Keyless Entry.	1	1	1				+	[#1]
575	Suzuki	Splash		44	2008-2014	Version with Keyless Entry.	1	1	1					[#1]
576	Suzuki	Splash		81	2008-2014	Version without Keyless Entry.	1	1	1				+	[#1]
577	Suzuki	SX4		44	2006-2013	Version with Keyless Entry.	1	1	1					[#1]
578	Suzuki	SX4		81	2006-2013	Version without Keyless Entry.	1	1	1				+	[#1]
579	Suzuki	SX4		163	2013->		1	1	1				+	[#1]
580	Toyota	GT86	ZN6	142	2012->				1					[#1]
581	Toyota	Alphard	12	97	2008->		1	1	1	1				[#1]
582	Toyota	Aurion	NZT26	97	2007->		1	1	1	1				[#1]
583	Toyota	Auris	E15	97	2006-2012		1	1	1	1				[#1]
584	Toyota	Auris	E18	127	2012->		1	1	1					[#6]
585	Toyota	Avensis	T27	32	2009-2012		1	1	1	1				[#1]
586	Toyota	Avensis	T27	212	2012->	After facelift. (FL)	1	1	1	1				[#6]
587	Toyota	Aygo	KSP9	100	2006->		1	1	1	1				[#1]
588	Toyota	Blade	AZE15	97	2006->		1	1	1	1				[#1]
589	Toyota	C-HR		208	2016->		1	1						
590	Toyota	Camry	XV40	97	2006-2011		1	1	1	1				[#1]
591	Toyota	Corolla	E15	97	2006-2013		1	1	1	1				[#1]
592	Toyota	Corolla	E16	127	2012->		1	1	1					[#1]
593	Toyota	Corolla	E17	127	2013->		1	1	1					[#6]
594	Toyota	Corolla Axio	14	97	2006->		1	1	1	1				[#1]
595	Toyota	Corolla Fielder	14	97	2006->		1	1	1	1				[#1]
596	Toyota	Corolla Rumion	15	97	2007->		1	1	1	1				[#1]
597	Toyota	Crown	S200	100	2008-2012		1	1	1	1	1			[#1]
598	Toyota	Crown Hybrid	GWS20	100	2008->		1	1	1	1	1			[#1]
599	Toyota	Crown Majesta	S20	100	2008->		1	1	1	1	1			[#1]
600	Toyota	Estima	5	97	2006->		1	1	1	1				[#1]
601	Toyota	Estima Hybrid	AHR20	97	2006->		1	1	1	1				[#1]
602	Toyota	HiLux	AN120	127	2015->				1					
603	Toyota	Ist	NCP1	99	2007->		1		1					[#1]
604	Toyota	iQ	KGJ10	100	2008-2014		1		1	1				[#1]
605	Toyota	Land Cruiser	J200	98	2007-2012		1	1	1	1	1			[#1]
606	Toyota	Land Cruiser Prado	J150	99	2009->		1		1	1		1		[#1]
607	Toyota	Mark X	x13	100	2009->		1	1	1	1				[#1]
608	Toyota	Mark X Zio	1	97	2007->		1	1	1	1				[#1]
609	Toyota	Noah	7	97	2007->		1	1	1	1				[#1]
610	Toyota	Premio	26	97	2007->		1	1	1	1				[#1]
611	Toyota	Prius	ZVW3#	97	2009-2016		1	1	1	1				[#1]
612	Toyota	Prius	ZVW3#	105	2009-2016		1	1	1	1				[#1]
613	Toyota	Prius	ZVW5#	208	2016->		1	1						
614	Toyota	ProAce		144	2016->								+	
615	Toyota	RAV4	ACA3	32	2005-2009		1		1	1				[#1]
616	Toyota	RAV4	ACA3	32	2009-2013		1		1	1				[#1]
617	Toyota	RAV4	XA40	127	2013-2016		1	1	1					[#1]
618	Toyota	RAV4	XA40	127	2016->	CAN-bus OBD connection is not allowed	1	1	1					
619	Toyota	Sai	AZK10	100	2009->		1	1	1	1	1			[#1]
620	Toyota	Urban Cruiser		32	2009->		1		1	1				[#1]
621	Toyota	Vanguard	14	32	2006->		1		1	1				[#1]
622	Toyota	Vanguard	14	97	2006->			1	1	1				[#1]
623	Toyota	Vellfire	12	97	2008->		1	1	1	1				[#1]
624	Toyota	Verso		48	2009->		1		1	1				[#1]
625	Toyota	Verso		212	2013->		1	1	1	1				[#6]
626	Toyota	Vitz	P9	32	2008->		1		1	1				[#1]
627	Toyota	Voxy	7	97	2007->		1	1	1	1				[#1]
628	Toyota	Wish	E2	97	2009->		1	1	1	1				[#1]
629	Toyota	Yaris	XP9	48	2006-2011		1		1	1				[#1]
630	Toyota	Yaris	XP13	127	2011->		1	1	1					[#6]
631	Toyota	Yaris	XP13	192	2011->	With deadlock	1	1	1					[#6]
632	Volkswagen	Amarok		73	2010->					1	1	1		
633	Volkswagen	Arteon		214	2017->		1			1	1			
634	Volkswagen	Bora	1J	1	1998-2001					1	1			
635	Volkswagen	Bora	1J	2	2001-2005		1	1	1	1	1	1		
636	Volkswagen	Caddy	2K	3	2004-2010		1	1	1	1	1	1		
637	Volkswagen	Caddy	2K	3	2010-2015		1	1	1	1	1	1		

* Coded pulse via dedicated wire

** OBD-connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, [#4] CAN1 pins 6/14, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**

factory default - parameter 1 - level 3 (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CEN T	TRUN K	HAZ A	POWER W	BO D	OEM AL	REVER S	CAN+ ALARM	** CAN CON
638	Volkswagen	Caddy	2K	3	2015->		1	1		1	1	1	1		
639	Volkswagen	Caravelle	T5	4	2003-2010		1	1	1	1	1	1			
640	Volkswagen	Caravelle	T5GP	73	2010-214						1	1	1		
641	Volkswagen	Caravelle	T6	73	2014->						1	1	1		
642	Volkswagen	CC	3C	3	2012->		1	1		1	1	1	1		
643	Volkswagen	Crafter		16	2006-2017		1	1	1	1	1	1	1		
644	Volkswagen	Crafter		221	2017->		1				1	1			
645	Volkswagen	Eos	1F	3	2006-2010		1	1	1	1	1	1	1		
646	Volkswagen	Eos	1F	3	2010->		1	1		1	1	1	1		
647	Volkswagen	Golf IV	1J	1	1997-2001										
648	Volkswagen	Golf IV	1J	2	2001-2003		1	1		1	1				
649	Volkswagen	Golf V	1K	3	2003-2009		1	1	1	1	1	1	1		
650	Volkswagen	Golf VI	1K	3	2008-2012		1	1		1	1	1	1		
651	Volkswagen	Golf VI	1K	129	2008-2012	Door lock control w/o dead lock	1	1		1	1	1	1		
652	Volkswagen	Golf VII	AU	154	2012->	Version with Keyless Entry.	1				1	1			
653	Volkswagen	Golf VII	AU	154	2012->	Version without Keyless Entry.	1				1	1			
654	Volkswagen	Golf Plus	1K	3	2005-2009		1	1	1	1	1	1	1		
655	Volkswagen	Golf Plus	1K	3	2009->		1	1		1	1	1	1		
656	Volkswagen	Jetta V	1K	3	2005-2009		1	1	1	1	1	1	1		
657	Volkswagen	Jetta V	1K	3	2008-2010		1	1		1	1	1	1		
658	Volkswagen	Jetta VI	1B	3	2010->		1	1		1	1	1	1		
659	Volkswagen	Multivan	T5	4	2003-2010		1	1	1	1	1	1			
660	Volkswagen	Multivan	T5GP	73	2010-2014						1	1	1		
661	Volkswagen	Multivan	T6	73	2014->						1	1	1		
662	Volkswagen	New Beetle	1C/1Y/9C	1	1997-2001										
663	Volkswagen	New Beetle	1C/1Y/9C	2	2001-2011		1	1		1	1				
664	Volkswagen	Passat B5	3B	1	1996-2000										
665	Volkswagen	Passat B5GP	3B	2	2000-2005		1	1		1	1				
666	Volkswagen	Passat B6	3C	3	2005-2009		1	1	1	1	1	1	1		
667	Volkswagen	Passat B6	3C	3	2008-2010		1	1		1	1	1	1		
668	Volkswagen	Passat B6	3C	129	2005-2009	Door lock control w/o dead lock	1	1	1	1	1	1	1		
669	Volkswagen	Passat B6	3C	129	2008-2010	Door lock control w/o dead lock	1	1		1	1	1	1		
670	Volkswagen	Passat B7	3C	3	2010-2015		1	1		1	1	1	1		
671	Volkswagen	Passat B8	B8	154	2015->		1				1	1			
672	Volkswagen	Passat CC	3C	3	2008->		1	1		1	1		1		
673	Volkswagen	Polo	9N	4	2001-2005		1	1	1	1	1	1			
674	Volkswagen	Polo	9N3	4	2005-2009	After facelift. (FL)			1		1	1			
675	Volkswagen	Polo	6R	73	2009-2014						1	1	1		
676	Volkswagen	Polo	6C	154	2014->		1				1	1			
677	Volkswagen	Scirocco	13	3	2008->		1	1		1	1	1	1		
678	Volkswagen	Sharan	7N	3	2010->		1	1		1	1	1	1		
679	Volkswagen	Phaeton	3D	20	2002->	If the doors are not detected set parameter 77	1	1	1	1	1				
680	Volkswagen	Phaeton	3D	77	2002->		1	1	1	1	1				
681	Volkswagen	Touareg	7L	20	2002-2010	If the doors are not detected set parameter 77	1	1	1	1	1				
682	Volkswagen	Touareg	7L	77	2002-2010		1	1	1	1	1				
683	Volkswagen	Touareg	7P5	104	2010->	Keyless trunk DO NOT unlock all doors	1	1			1	1			
684	Volkswagen	Touareg	7P5	106	2010->	Keyless trunk unlocks all doors	1	1			1	1			
685	Volkswagen	Tiguan	5N	3	2007-2009		1	1	1	1	1	1	1		
686	Volkswagen	Tiguan	5N	3	2008-2011		1	1		1	1	1	1		
687	Volkswagen	Tiguan	5N	3	2011-2016		1	1		1	1	1	1		
688	Volkswagen	Tiguan		214	2016->		1				1	1			
689	Volkswagen	Tiguan Allspace		214	2017->		1				1	1			
690	Volkswagen	Touran	1T	3	2003-2006		1	1	1	1	1	1	1		
691	Volkswagen	Touran (GP)	1T	3	2006-2010		1	1	1	1	1	1	1		
692	Volkswagen	Touran (GP2)	1T	3	2010->		1	1		1	1	1	1		
693	Volkswagen	Transporter	T5	4	2003-2010		1	1	1	1	1				
694	Volkswagen	Transporter	T5GP	73	2010-2014						1	1	1		
695	Volkswagen	Transporter	T6	73	2014->						1	1	1		
696	Volkswagen	Up		73	2011->						1	1	1		
697	Volkswagen	Vento	6C	154	2014->		1				1	1			
698	Volvo	C30		157	2006-2012	If does not work use other Volvo levels									
699	Volvo	FL Euro6		197	2013->										
700	Volvo	FM Euro6		197	2013->										
701	Volvo	FH Euro6		197	2013->										
702	Volvo	FH13 Euro6		197	2013->										
703	Volvo	S40	M	26	2004-2012	If does not work use other Volvo levels								+	
704	Volvo	S60	P24	76	2000-2004	If does not work use other Volvo levels									
705	Volvo	S60	P24	38	2004-2009	If does not work use other Volvo levels									
706	Volvo	S60	P24	21	2004-2009	If does not work use other Volvo levels									
707	Volvo	S60	Y20	155	2010->	If does not work use other Volvo levels	1				1	1			
708	Volvo	S60	Y20	156	2010->	If does not work use other Volvo levels					1	1			
709	Volvo	S80	TS	24	2001-2005	If does not work use other Volvo levels	1	1							
710	Volvo	S80	TS	35	2001-2005	If does not work use other Volvo levels									
711	Volvo	S80	TS	21	2005-2009	If does not work use other Volvo levels									
712	Volvo	S80	AS	90	2009-2012	If does not work use other Volvo levels	1				1	1			
713	Volvo	S80 Facelift	AS	156	2012->	If does not work use other Volvo levels					1				
714	Volvo	V40		185	2012->		1								
715	Volvo	V50	M	26	2004-2007	If does not work use other Volvo levels									+
716	Volvo	V50	M	157	2007-2012	If does not work use other Volvo levels									+
717	Volvo	V60		155	2011->	If does not work use other Volvo levels	1				1	1			
718	Volvo	V70	P26	56	2000-2004	If does not work use other Volvo levels									
719	Volvo	V70	24	21	2005-2007	If does not work use other Volvo levels	1				1	1			
720	Volvo	V70	24	35	2005-2007	If does not work use other Volvo levels	1				1	1			
721	Volvo	V70	24	38	2005-2007	If does not work use other Volvo levels	1				1	1			
722	Volvo	V70	24	90	2007-2013	If does not work use other Volvo levels	1				1	1			
723	Volvo	V70		156	2013->	If does not work use other Volvo levels					1				
724	Volvo	XC60		90	2008-2013	If does not work use other Volvo levels	1				1	1			
725	Volvo	XC60		155	2013-2017	If does not work use other Volvo levels	1				1				
726	Volvo	XC60		156	2013-2017	If does not work use other Volvo levels					1				
727	Volvo	XC70	P2	24	2000-2004	If does not work use other Volvo levels									
728	Volvo	XC70	P2	35	2000-2004	If does not work use other Volvo levels									

* Coded pulse via dedicated wire

** OBD-connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 3/11, [#3] CAN1 pins 6/14, [#4] CAN1 pins 1/9, [#5] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512FIRMWARE VERSION **0420**factory default - parameter 1 - **level 3** (v214)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL								
							CENTRAL LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN- ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
729	Volvo	XC70	P2	21	2004-2007	If does not work use other Volvo levels									
730	Volvo	XC70	P2	35	2004-2007	If does not work use other Volvo levels									
731	Volvo	XC70	P24	90	2007-2013	If does not work use other Volvo levels	1					1	1		
732	Volvo	XC70		156	2013->	If does not work use other Volvo levels						1			
733	Volvo	XC90		34	2002-2005	If does not work use other Volvo levels	1	1							
734	Volvo	XC90		35	2002-2005	If does not work use other Volvo levels	1	1							
735	Volvo	XC90		56	2002-2005	If does not work use other Volvo levels	1	1							
736	Volvo	XC90		21	2005-2007	If does not work use other Volvo levels	1	1							
737	Volvo	XC90		90	2007-2012	If does not work use other Volvo levels	1					1	1		
738	Volvo	XC90		155	2012-2013		1					1			

* Coded pulse via dedicated wire

** OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015